

# COMPTES RENDUS GEOSCIENCE

Editorial board: Académie des sciences, 23, quai de Conti, 75006 Paris, France  
Tel: (+33) (0)1 44 41 43 72. Fax: (+33) (0)1 44 41 43 84.  
marina.grandin-jimenez@academie-sciences.fr

**Objective of the journal:** The *Comptes rendus Geoscience* are open to all scientists, whatever their title or nationality. An article published in the *Comptes rendus* is the first report of an important discovery or a significant result. It benefits from a fast publication schedule once it has been definitively accepted, which makes it possible to establish priority.

The journal also publishes thematic issues coordinated by Invited Editors, and consisting of articles written on invitation.

**Editorial directeur:** Jean Dercourt

**Editorial College:**

– **Coordinateur:** Michel Petit

– **Associate Editors-in-chief for classifications:**

**External geophysics, Climate:** Anny Cazenave (Toulouse), Michel Petit (Paris)

**Internal geophysics (Physics of Earth's interior):**

**Petrology, Mineralogy, Crystallography, Metallography, Hot geochemistry:** Marc Chaussidon (Nancy)

**Surface geosciences and environment:** Ghislain de Marsily (Paris), François Chabaux (Strasbourg)

**Tectonics:** Jacques Angelier (Villefranche sur mer)

**Sedimentology, Stratigraphy:** Cécile Robin (Rennes)

**Editorial Board:**

C. Allègre, J.-C. André, J. Angelier, J. Aubouin, G. Backus (La Jolla, USA), A. Berger (Louvain-la-Neuve, Belgium), A. Cazenave, M.-L. Chanin, V. Courtillot, J. Dercourt, A. Herbillon (Louvain-la-Neuve, Belgium), C. Jaupart, G. Jobert, Z. Johan, J.-L. Le Mouél, X. Le Pichon, C. Lorius, G. de Marsily, J.-F. Minster, G. Pédro, M. Petit, J.-P. Poirier, E. Seibold (Fribourg, Germany), P. Tapponnier, B. Tissot, J. Touret (Amsterdam, The Netherlands).

**Scientific secretary:** H. Paquet

**Indexation:**

Cambridge Scientific Abstracts, Current Contents, ISI, Geoabstracts, Geobase, Georef, Inspec, Pascal, Scopus

---

© 2009 Académie des sciences. All rights reserved.

Published by Elsevier Masson SAS. Société par actions simplifiée au capital de 675 376 € - RCS Nanterre B 542 037 031.

**Office:** 62, rue Camille-Desmoulins, 92442 Issy-les-Moulineaux cedex, France.

**Shareholder:** Elsevier Holding France.

**Publication information:** *Comptes Rendus Geoscience* (ISSN 1631-0713). For 2009, volume 341 is scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (<http://www.elsevier.com/locate/issn/1631-0713>). Further information is available on this journal and other Elsevier products through Elsevier's website: (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

**Desk Editor** – Christine Gray. Tel: (+33) (0)1 71 16 54 84. Fax: (+33) (0)1 71 16 51 91. E-mail: [c.gray@elsevier.com](mailto:c.gray@elsevier.com)

**Subscriptions** – Tel: (+33) (0)1 71 16 55 55. Fax: (+33) (0)1 71 16 55 88. E-mail: [infos@elsevier-masson.fr](mailto:infos@elsevier-masson.fr)

**President** – Daniel Rodriguez

**Author enquiries**

For enquiries relating to the submission of articles (including electronic submission where available) please visit Elsevier's Authors Home at <http://www.elsevier.com/authors>. This also provides the facility to track accepted articles and set up e-mail alerts to inform you of when an article's status has changed, as well as detailed artwork guidelines, copyright information, frequently asked questions and more. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

⊗ The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

---

Printed in France by Jouve  
53101 Mayenne, France  
Dépôt légal à parution

Commission paritaire : 0612 T 81864  
Périodicité : 12 numéros par an